

To: Wall, Dan[wall.dan@epa.gov]; McKean, Deborah[mckean.deborah@epa.gov]
From: OBrien, Wendy
Sent: Tue 8/11/2015 12:56:01 PM
Subject: RE: Graphs

Here's my preliminary, initial screen on the data as presented in the graphs:

For screening values, I focused on 1) the recreational use scenario values that Deb developed, and 2) the CO agricultural use values, as I think these are some of the most urgent scenarios to evaluate. Note that for the recreational scenario, for arsenic (cancer) I am using the 1E-04 value of 215 ppb.

At CC48, copper and zinc exceed the agricultural value, manganese exceeds both recreational and agricultural. Since this is Cement Creek, not surprising.

At Bakers Bridge, arsenic exceeds both the recreational value and the agricultural value.

At all locations, manganese exceeds the agricultural value.

It is very important to note that we are looking at total metal concentrations. For the agricultural scenario (quite possibly also for the recreational scenario), if we are looking at flood irrigation, we will need to look at dissolved metals. I will comb the raw data for these values.

Deb, Sandy has asked me to call you about a press release, so I'll call you in just a few minutes to figure out what's going on and how I can help.

Wendy O'Brien, DVM, PhD, DABT

Toxicologist, Ecosystems Protection and Remediation

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From: McComb, Martin

Sent: Tuesday, August 11, 2015 5:00 AM

To: OBrien, Wendy

Cc: Ostrander, David; Way, Steven; Myers, Craig; Wall, Dan

Subject: Re: Graphs

They should be Totals but I will double check.

We are expecting a round of comments and changes so please provide. These were meant to be auto updated and used for Joe Schmo public.

Sent from my iPhone

On Aug 11, 2015, at 4:57 AM, OBrien, Wendy <OBrien.Wendy@epa.gov> wrote:

Are these total or dissolved metals?

Big thanks to you and your crew for getting these pulled together.

Wendy O'Brien, DVM, PhD, DABT

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From: McComb, Martin

Sent: Monday, August 10, 2015 10:45 PM

To: Ostrander, David; Way, Steven; Myers, Craig; Wall, Dan; OBrien, Wendy

Subject: Fwd: Graphs

Ok. This is what we got.

We have no data from the 32 street bridge after Aug 6 so we did not add that graph. I assume it wasn't sampled.

The dotted line is a software issue, sorry.

The Durango lab hasn't reported Aug 7 results. They say tomorrow. Gold star to Dan Wall for pulling all the others when he did.

We have no Aug 9 yet results for Bakers Bridge and CC48.

Remember you can pull a reference map from Joan's first data update document.

Anything else tonight. I'd like to send my crew to sleep. They got the validation ball rolling....

M

Begin forwarded message:

From: "Lucotch, John" <John.Lucotch@WestonSolutions.com>
Date: August 10, 2015 at 10:14:49 PM MDT
To: "'McComb.Martin@epa.gov'" <McComb.Martin@epa.gov>
Cc: "Adamczyk, Megan" <Megan.Adamczyk@WestonSolutions.com>, "jmiller@techlawinc.com" <jmiller@techlawinc.com>
Subject: Graphs

See attached.

Thanks

John Lucotch

IT Manager

Phone: 970-301-1416

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